

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 1    | 10/535438  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/21 10:04 |
| S2    | 7    | 702/113.ccls. and<br>@pd>="20051209"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/21 10:14 |
| S3    | 82   | tsuji with katsumi.in.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/21 10:28 |
| S5    | 20   | ((balance unbalance) same rotor)<br>and (magnitude same (positional<br>direction)) and ((force centrifugal)<br>same bearing) and (ratio same<br>frequenc\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/21 10:48 |
| S7    | 26   | ((balance unbalance) same rotor)<br>and (((magnitude with (direction<br>position\$3)) displacement) same<br>vibrat\$4 same (vector))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/21 11:22 |
| S10   | 1    | ((balance unbalance) same rotor)<br>and (((magnitude with (direction<br>position\$3)) displacement) same<br>vibrat\$4 same (vector)) and<br>(correct\$4 with plan)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/21 11:03 |
| S11   | 2    | "4891981".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/21 11:06 |
| S14   | 12   | ((balance unbalance) same rotor)<br>and ((magnitude with (direction<br>position\$3)) displacement) and<br>(frequenc\$3 with (ratio coefficient))<br>and (damping with (ratio<br>coefficient))                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/21 11:25 |
| S15   | 1    | ((balance unbalance) same rotor)<br>and ((measur\$6 calculat\$4<br>determin\$6) with ((magnitude with<br>(direction position\$3))<br>displacement)) and (frequenc\$3<br>with ratio) and (damping with ratio) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/08/21 11:27 |